

# Science and engineering profile: Wyoming

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	730 <sup>†</sup>	620,140	52
S&E doctorates awarded, 2007	58	31,801	48
Life sciences (%)	33	26	–
Engineering (%)	21	24	–
Psychology (%)	16	10	–
SEH postdoctorates in doctorate-granting institutions, 2006	49	49,201	46
SEH graduate students in doctorate-granting institutions, 2006	964	542,073	49
Population, 2008 (thousands)	533	308,014	52
Civilian labor force, 2008 (thousands)	293	155,366	52
Personal income per capita, 2007 (dollars)	47,047	38,615	5
Federal spending			
Total expenditures, 2007 (\$millions)	5,355	2,532,073	52
R&D obligations, 2006 (\$millions)	36	107,545	52
Total R&D performance, 2006 (\$millions)	129	335,377	51
Industry R&D, 2006 (\$millions)	27	243,853	51
Academic R&D, 2007 (\$millions)	80	49,406	52
Life sciences (%)	49	60	–
Environmental sciences (%)	14	6	–
Engineering (%)	13	15	–
SBIR awards, 2000–07	80	44,157	46
Utility patents issued to state residents, 2008	35	77,493	50
Gross domestic product, 2007 (\$billions)	32	13,832	50

<sup>†</sup>Coefficient of variation > 10% but < 25%; – = no value possible.

nec = not elsewhere classified; S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

## Federal obligations for research and development, by agency and performer: Wyoming, FY 2006 (Thousands of dollars)

Agency	Performer						Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	
All agencies	36,169	7,125	0	3,997	23,338	1,410	52
Department of Agriculture	8,530	5,420	0	0	3,110	0	49
Department of Commerce	312	0	0	0	312	0	46
Department of Defense	4,514	0	0	2,741	1,773	0	51
Department of Energy	1,571	0	0	0	1,451	0	49
Department of Health and Human Services	7,238	0	0	0	7,074	0	52
Department of Homeland Security	0	0	0	0	0	0	–
Department of the Interior	2,279	1,705	0	84	490	0	39
Department of Transportation	1,445	0	0	0	20	1,410	35
Environmental Protection Agency	0	0	0	0	0	0	–
National Aeronautics and Space Administration	1,219	0	0	643	576	0	52
National Science Foundation	9,061	0	0	529	8,532	0	47
Rank	52	51	–	50	52	52	51

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."